

Table I
Identification of Achievable Performance Standards
Source Category: Auto Refinishing

Regulated Component	Pollutant	Rule/Measure/Date									
		BAAQMD 8-45 (11/6/96)		SCAQMD 1151 (6/13/97)		RACT (5/95)		BARCT (5/95)		San Luis Obispo 423 9/25/96	
		Performance Standard									
Pretreatment Wash Primer	VOCs										
Automobiles, trucks,vans			780 g/l		780 g/l		780 g/l		780 g/l		780 g/l
Mobile equipment, buses			780 g/l		780 g/l		780 g/l		780 g/l	X	780 g/l (cannot use pretreatment wash primer in excess of 10% by volume of the amount of primer used)
Precoat	VOCs										
Automobiles, trucks,vans			600 g/l		precoat not allowed for any categories		780 g/l		600 g/l		precoat not allowed for auto, trucks, vans
Mobile equipment, buses			600 g/l				780 g/l		600 g/l		600 g/l
			(facilities cannot use precoat in excess of 25% of the amount of waterborne primer surfacer used)	X			(facilities cannot use precoat in excess of 25% of the amount of waterborne primer surfacer used)		(facilities cannot use precoat in excess of 25% of the amount of waterborne primer surfacer used)		(facilities cannot use precoat in excess of 25% of the amount of primer used)
Extreme Performance						x	750 g/l				

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Primer Sealer	VOCs										
Automobiles, trucks,vans			420 g/l	X	340 g/l		420 g/l		420 g/l		600 g/l
Mobile equipment, buses			340 g/l		250 g/l		340 g/l		340 g/l		340 g/l
Primer Surfacer	VOCs										
Automobiles, trucks,vans		X	250 g/l	X	250 g/l		340 g/l	X	250 g/l		600 g/l
Mobile equipment, buses			250 g/l		250 g/l		340 g/l		250 g/l		340 g/l
Solid Color Topcoat	VOCs										
Automobiles, trucks,vans		X	420 g/l	X	420 g/l		600 g/l	X	420 g/l	X	420 g/l
Mobile equipment, buses			-		-		420 g/l		420 g/l		-
Metallic/Iridescent Topcoat	VOCs										
Automobiles, trucks,vans			520 g/l	X	420 g/l		600 g/l		520 g/l		540 g/l
Mobile equipment, buses			420 g/l		340 g/l		420 g/l		420 g/l		420 g/l

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Multicolored Automobiles, trucks,vans Mobile equipment, buses	VOCs		-			X	685 g/l		-		-
							685 g/l				
Multicolored Multistage Automobiles, trucks,vans Mobile equipment, buses	VOCs		-			X	420 g/l		-		-
							-				
Multi-Stage Topcoat Automobiles, trucks,vans Mobile equipment, buses	VOCs										
			540 g/l			X	420 g/l		600 g/l		540 g/l
			-				340 g/l		420 g/l		420 g/l
General Topcoat Automobiles, trucks,vans Mobile equipment, buses	VOCs										
			-				420 g/l		-		-
			420 g/l			X	340 g/l		-		420 g/l

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Camouflage Automobiles, trucks,vans Mobile equipment, buses	VOCs	x	- 420 g/l			x	- 420	x	- 420	x	- 420 g/l
Speciality Coatings	VOCs	X	840 g/l (use of speciality coatings, except anti-glare and safety coatings, shall not exceed 5% of all coatings applied on a monthly basis.)		840 g/l	X	840 g/l (use of speciality coatings, except anti-glare and safety coatings, shall not exceed 5% of all coatings applied on a monthly basis.)	X	840 g/l (use of speciality coatings, except anti-glare and safety coatings, shall not exceed 5% of all coatings applied on a monthly basis.)	X	840 g/l (use of speciality coatings, except anti-glare and safety coatings, shall not exceed 5% of all coatings applied on a monthly basis.)
Temporary Protective Coating	VOCs	X	60 g/l	X	60 g/l	X	60 g/l	X	60 g/l	X	60 g/l
Surface Preparation Solvent	VOCs		72 g/l	X	70 g/l		72 g/l		72 g/l		200 g/l
Surface Prep Solvent for Plastic Parts	VOCs	X	780 g/l			X	780 g/l	X	780 g/l	X	780 g/l
Spray Booth	particulate		Facilities may not apply topcoats outside spray booths		-		-		-	X	All coatings must be applied in a spray booth. The booth must have a 95% control efficiency.

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Transfer Efficiency	VOCs	X	must use HVLP or electrostatic application methods, or a method that has equivalent transfer efficiency of HVLP.	X	must use HVLP or electrostatic application methods, or a method that has equivalent transfer efficiency of HVLP.	X	Must use HVLP, electrostatic application methods, or an application method with 65% transfer efficiency	X	Must use HVLP, electrostatic application methods, or an application method with 65% transfer efficiency	X	Must use HVLP, electrostatic application methods, or an application method with 65% transfer efficiency
Clean-up of Equipment	VOCs	X	facilities must use equipment that collects spent solvents, and minimizes their evaporation	X	facilities must use wipe cleaning, spray bottles, enclosed cleaning device, or approved clean-up equipment	X	must use enclosed cleaning equipment	X	must use enclosed cleaning equipment	X	must use an enclosed cleaning system, or approved alternative may be used if used w/ solvents with a composite vapor pressure less than 45 mm Hg at 20° C.
Prohibition of Specification	VOCs	X	no person shall specify the use of a coating within the district if application of the coating results in a violation of the rule.	X	no person shall specify the use of a coating within the district if application of the coating results in a violation of the rule.	X	no person shall specify the use of a coating within the district if application of the coating results in a violation of the rule.	X	no person shall specify the use of a coating within the district if application of the coating results in a violation of the rule.	X	no person shall specify the use of a coating within the district if application of the coating results in a violation of the rule.
Prohibition of Sale	VOCs	X	no person shall sell within the district any coating if such a product is prohibited by rule.	X	no person shall sell within the district any coating if such a product is prohibited by rule.		no person shall sell within the district any coating if such a product is prohibited by rule. (Optional)		no person shall sell within the district any coating if such a product is prohibited by rule. (Optional)	X	no person shall sell within the district any coating if such a product is prohibited by rule.

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Solvent Loss Minimization	VOCs	X	use closed containers for storage and disposal of cleaning rags and close solvent-containing containers when not in use	X	use closed containers for storage and disposal of cleaning rags and close solvent-containing containers when not in use	X	use closed containers for storage and disposal of cleaning rags and close solvent-containing containers when not in use	X	use closed containers for storage and disposal of cleaning rags and close solvent-containing containers when not in use	X	use closed containers for storage and disposal of cleaning rags and close solvent-containing containers when not in use
Coating Components	cadmium, hexavalent chromium		-	x	cannot add hexavalent chromium or cadmium to coatings		-		-		-
Control Equipment	VOCs	X	may use control equipment with 85% control efficiency instead of required low-VOC coatings	X	if a facility uses control equipment instead of required low-VOC coatings, emissions must be controlled to a level equivalent to use of low-VOC coatings	X	may use control equipment with 85% control efficiency instead of required low-VOC coatings. The overall emissions reductions must be equivalent to emissions reductions achieved by use of low-VOC coatings.	X	may use control equipment with 85% control efficiency instead of required low-VOC coatings. The overall emissions reductions must be equivalent to emissions reductions achieved by use of low-VOC coatings	X	if control equipment is used instead of low-voc coatings, the equipment must capture at least 90% of organic emissions, and have a destruction efficiency of at least 95%.
Compliance Statement		n q	Manufacturer shall provide on container of all coatings and solvents or accompanying MSDS, the VOC content and mixing instructions for the coating or solvent.							n q	Manufacturer shall provide on container of all coatings and solvents or accompanying MSDS, the VOC content and mixing instructions for the coating or solvent.

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		Performance Standard										
HVLP Marking		n	A person shall not sell HVLP equipment without markings denoting the maximum inlet air pressure at which gun will operate according to the provisions of the rule.	q		n	A person shall not sell HVLP equipment without markings denoting the maximum inlet air pressure at which gun will operate according to the provisions of the rule.	q		n	A person shall not sell HVLP equipment without markings denoting the maximum inlet air pressure at which gun will operate according to the provisions of the rule.	q

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Record keeping	VOCs	<ul style="list-style-type: none"> - all coatings and components used; - mix ratio - VOC content of coatings used - on a weekly basis, record: coating and mix ratio; quantity of coatings used; - on a daily basis, record: quantity and mix ratio of speciality coating used - record on a monthly basis cleanup and surface prep solvent 	<ul style="list-style-type: none"> - amount of coatings, coating components, solvents, and adhesives used -VOC content of coatings, coating components, solvents, and adhesives used - vapor pressure of solvents 	<ul style="list-style-type: none"> - type of coating used and the type of vehicle or equipment to which coating was applied - coating, catalyst, additives, and reducer used - mix ration VOC content of coatings as applied - monthly records showing the type and amount of solvent used for cleanup and preparation 	<ul style="list-style-type: none"> - type of coating used and the type of vehicle or equipment to which coating was applied - coating, catalyst, additives, and reducer used - mix ratio VOC content of coatings as applied - monthly records showing the type and amount of solvent used for cleanup and preparation 	<ul style="list-style-type: none"> - coating manufacturer - coating, catalyst, and reducer used - mix ratio - VOC content -coating category - purchase records - summary of the monthly VOC emissions categorized by type, and indicating whether hex chrome is present - number of utility bodies coated

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